Small Arms and Shoulder Fired Munitions

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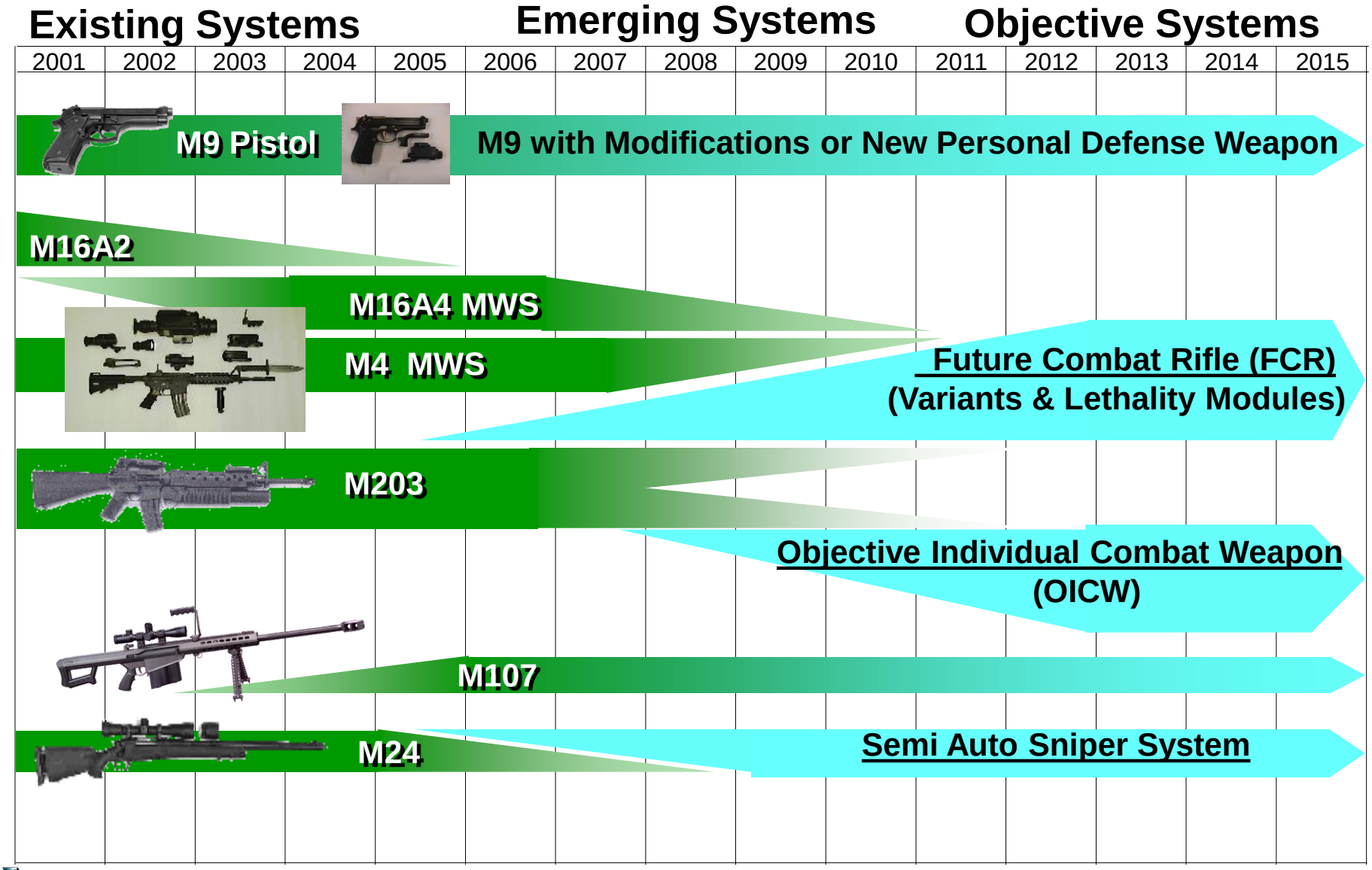
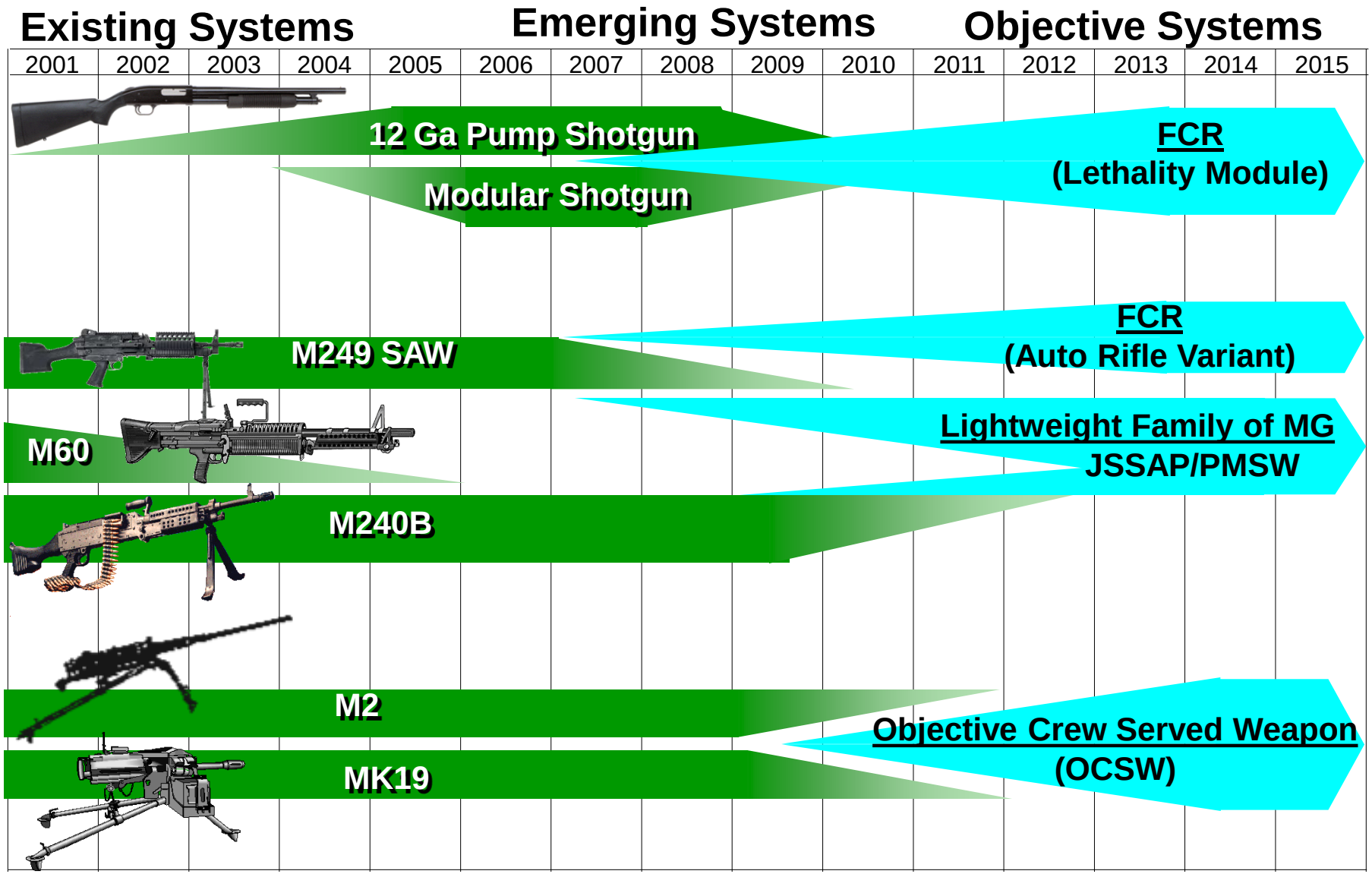
DCD Small Arms Evolution

(1 of 2)



DCD Small Arms Evolution

(2 of 2)



DCD Shoulder Fired Evolution

Existing Systems | **Emerging Systems** | **Objective Systems**

2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

AT-4

BLOCK 1

AT-4 (CS)

Urban Assault Weapon (UAW)

- Less than 20 lbs.
- Fires from Enclosures
- Defeats all three target sets

Assessed current systems and S&T efforts to develop objective system

SMAW-D

SMAW-D (CS)

BLOCK 1

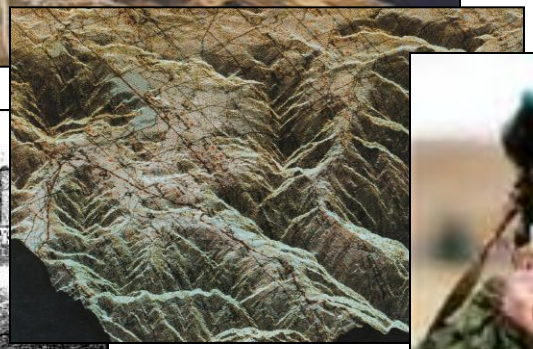
BLOCK 2

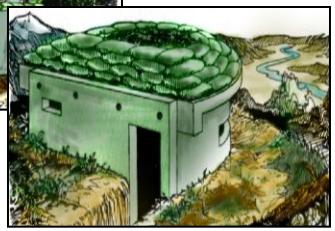
Urban Assault Weapon Plan

Incapacitate Personnel Behind:	Current (FY02-03)	Interim Alternatives (FY04-09) AT4-CS Warheads	Interim Alternatives (FY04-09) SMAW-D/CS Warheads	Objective (FY06-10)
8” Reinforced Concrete and 12” Triple Brick		Tandem Wall Breaker: FFE, <20lb	Follow Through Grenade: FFE, <20lb	URBAN
Earth and Timber Bunker	SMAW-D: No FFE, <20lb	High Explosive Squash Head: FFE, <20lb	High Explosive: FFE, <20lb; Enhanced: FFE, <20lb (Fire-From-Enclosure (FFE))	ASSAULT
Light Armor	AT4: No FFE, <20lb	High Explosive Anti-Tank: FFE, <20lb		WEAPON

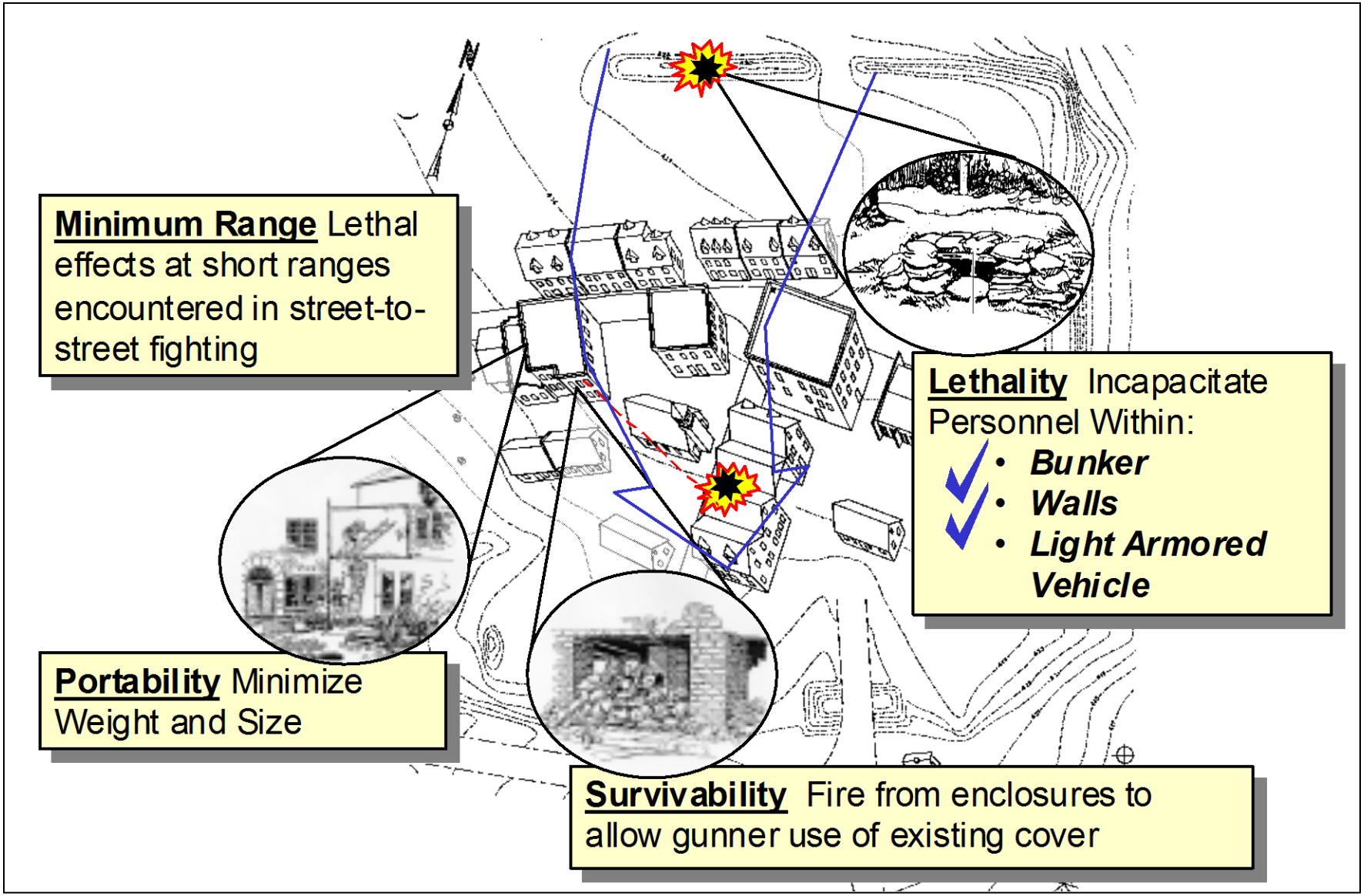
Operational Environment

What are our major concerns of the future battlefield?

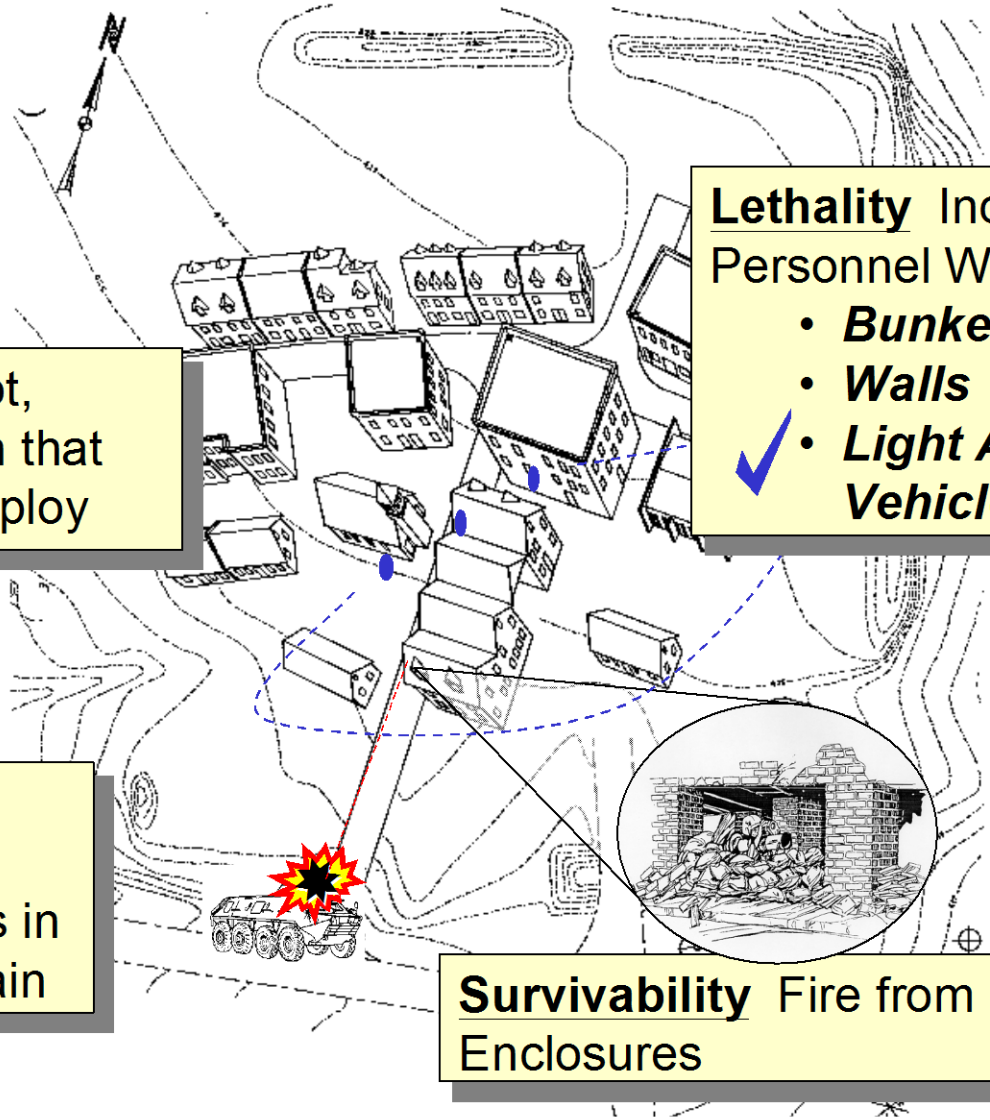




Small Scale Contingencies Offensive Operations
(Urban Assault Weapon)



Small Scale Contingencies Defensive Operations
(Urban Assault Weapon)



Munition One-shot, disposable weapon that any soldier can employ

Lethality Incapacitate Personnel Within:

- ***Bunker***
- ***Walls***
- ***Light Armored Vehicle***

Maximum Range Support likely engagement ranges in complex/urban terrain

Survivability Fire from Enclosures

END OF PRESENTATION

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